

Claims

1. A magnetically activated optoelectronic switch comprising: means for receiving and storing electromagnetic radiation signals of ultraviolet or visible wavelength, magnetic field signals, and combinations thereof; and means for selectively accessing said storage to deliver selected signals for signal processing.
2. The switch according to claim 1 in which said electromagnetic radiation signal is combined with a magnetic field signal to produce an optical signal.
3. The switch according to claim 1 in which said electromagnetic radiation signal is combined with a magnetic field signal to produce an electrical signal.
4. The switch according to claim 1 in which said electromagnetic radiation signal is combined with a magnetic field signal to produce a combined optical and electrical signal.
5. The switch according to claim 1 in which said electromagnetic radiation signal is combined with a magnetic field signal to produce a signal in the form of a biological membrane potential.